

Title (en)

Device for the temperature control of moulds, such as of injection moulding machines

Title (de)

Gerät zur Temperierung von Formwerkzeugen, beispielsweise von Spritzgießmaschinen

Title (fr)

Dispositif pour la régulation de la température de moules, tels que des moules de presses à injection

Publication

EP 1775097 A1 20070418 (DE)

Application

EP 06021396 A 20061012

Priority

DE 102005049917 A 20051017

Abstract (en)

Apparatus with at least two tempering circuits for tempering moulds, e.g. for injection moulding machines, in which a common device (4) for producing heated tempering medium for all circuits is combined in the unit (3) with a common device (8, 13) for cooling and there is a regulator for monitoring and controlling the temperature.

IPC 8 full level

B29C 45/73 (2006.01); **B29C 35/00** (2006.01)

CPC (source: EP)

B22D 17/2038 (2013.01); **B22D 17/2218** (2013.01); **B22D 17/32** (2013.01); **B29C 35/007** (2013.01); **B29C 45/7306** (2013.01)

Citation (applicant)

- DE 4444197 C2 19990512 - KOTZAB WERNER [DE]
- US 6312628 B1 20011106 - WIEDER HORST K [US], et al
- EP 1717004 A1 20061102 - HOFMANN DIETMAR [DE]
- JP S6442216 A 19890214 - MITSUI PETROCHEMICAL IND

Citation (search report)

- [XY] US 6312628 B1 20011106 - WIEDER HORST K [US], et al
- [E] EP 1717004 A1 20061102 - HOFMANN DIETMAR [DE]
- [Y] DE 20304841 U1 20030710 - TECHNOTRANS AG [DE]
- [YA] US 5427720 A 19950627 - KOTZAB WERNER [DE]
- [X] JP S6442216 A 19890214 - MITSUI PETROCHEMICAL IND
- [X] DE 1501469 A1 19700122 - BORMANN DIPL ING KARL
- [X] EP 1048436 A1 20001102 - NIPPON STEEL CHEMICAL CO [JP]
- [A] EP 1473135 A2 20041103 - TECHNOTRANS AG [DE]
- [A] DE 8802462 U1 19880825
- [YA] JUNG R: "ZYKLISCHE WARMEZUFUHR UND KONTINUIERLICHE WARMEABFUHR", PLASTVERARBEITER, HUETHIG GMBH, HEIDELBERG, DE, vol. 39, no. 7, 1 July 1988 (1988-07-01), pages 20 - 23, XP000033908, ISSN: 0032-1338

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Designated contracting state (EPC)

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Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

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